

IN THE SPECIFICATION:

Page 14, replace the paragraph starting at line 6 and ending at line 25 with the following paragraph.

The apparatus pursuant to Fig. 1 consists substantially of a housing 1 of an air-tight design in which an exercise bicycle 2 is arranged consisting of pedals 3, a drive belt 4 and a flywheel 5 which is braked by a braking apparatus not shown in detail. A seat 6 is provided for the person actuating the apparatus. The flywheel 5 and braking apparatus provides a resistance to the trading motion of the legs of the user. Moreover, a vacuum pump 7 is arranged in the housing, which pump discharges air from the interior of the housing 1 through an opening 8 to the outside. An opening 9 is arranged in the upper zone of the housing 1 for tight enclosure of a user's waist area, the opening being defined by two displaceable lid portions 10a, and 10b which are sealed off with respect to the housing 1 by means of seals 11 and sealing elements 12a, 12b on the upper side of the lid portions 10a and 10b which are made up of rubber so as to sealingly enclose the waist of the person actuating the apparatus. The lid portions 10a, 10b are pushed apart in order to allow the entry into the apparatus from above. Alternatively, there can also be arranged an entrance opening on the side or the housing may be entirely arranged in two parts in order to allow a particularly simple entry into the apparatus. Thereafter, all openings are closed in order to ensure an air-

tight occlusion of the inner chamber of the housing 1 from the outside environment. The sealing elements 12a, 12b should enclose the test person's waist as tightly as possible. Thereafter a predetermined pressure below atmospheric is produced in the interior of the housing 1 by means of the vacuum pump 7.